

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 0050.1609-002		APPLICATION NO. 09/614,326		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION February 12, 2001 (Use several sheets if necessary)		APPLICANT Jay M. Edelberg and Robert D. Rosenberg				
		FILING DATE July 12, 2000		GROUP 1632		
U.S. PATENT DOCUMENTS						
EXAM- INER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
BN	AV	Brodde, O., "β-Adrenergic receptors in failing human myocardium.", <i>Basic Res. Cardiol.</i> , 91 Suppl. 2:35-40 (1996)				
BN	AV	Brown, A., "Regulation of heartbeat by G protein-coupled ion channels.", <i>Am. J. Physiol.</i> , 259:H1621-H1628 (1990)				
BN	AW	Chung, F. <i>et al.</i> , "Cloning and sequence analysis of the human brain β-adrenergic receptor: Evolutionary relationship to rodent and avian β-receptors and porcine muscarinic receptors.", <i>FEBS Lett.</i> , 211:200-206 (1987)				
BN	AX	Crisp, T., "Adrenergic Drugs.", <i>Bas. Pharm. Med.</i> , Chapter 8: 113-29				
BN	AY	DiFrancesco, D., "Characterization of single pacemaker channels in cardiac sino-atrial node cells.", <i>Nature</i> , 324:470-3 (1986)				
BN	AZ	Drazner, M. <i>et al.</i> , "Potentiation of β-Adrenergic Singaling by Adenoviral-mediated Gene Transfer in Adult Rabbit Ventricular Myocytes.", <i>J. Clinic. Invest.</i> , 99:288-96 (1997)				
BN	AR2	Drazner, M. <i>et al.</i> , "Potentiation of β-Adrenergic Signaling by Gene Transfer.", <i>Proc. Assoc. Am. Physicians</i> , 109:220-227 (1997)				

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AS3	Hajjar, R. <i>et al.</i> , "Molecular aspects of adrenergic signal transduction in cardiac failure.", <i>J. Mol. Med.</i> , 76: 747-755 (1998)
AT3	Hardouin, S. <i>et al.</i> , " β -Adrenergic and muscarinic receptor mRNA accumulation in the sinoatrial node area of adult and senescent rat hearts.", <i>Mech. Ageing Dev.</i> , 100: 277-297 (1998)
AU3	Holmer, S., and Homey, C., "G Proteins in the Heart: A Redundant and Diverse Transmembrane Signaling Network.", <i>Circulation</i> , 84:1891-1902 (1991)
AV3	Inglese, Jr. <i>et al.</i> , "Structure and Mechanism of the G Protein-coupled Receptor Kinases.", <i>J. Biol. Chem.</i> , 268:23735-23738 (1993)
AW3	Iwaki, K. <i>et al.</i> , " α - and β -Adrenergic Stimulation Induces Distinct Patterns of Immediate Early Gene Expression in Neonatal Rat Myocardial Cells.", <i>J. Biol. Chem.</i> , 265:13809-17 (1990)
AX3	Johns, D. <i>et al.</i> , "Adenovirus-mediated Expression of a Voltage-gated Potassium Channel In Vitro (Rat Cardiac Myocytes) and In Vivo (Rat Liver).", <i>J. Clin. Invest.</i> , 96:1152-8 (1995)
AY3	Kass-Eisler, A. <i>et al.</i> , "Quantitative determination of adenovirus-mediated gene delivery to rat cardiac myocytes <i>in vitro</i> and <i>in vivo</i> .", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 90:11498-502 (1993)
AZ3	Kitsis, R. <i>et al.</i> , "Hormonal modulation of a gene injected into rat heart <i>in vivo</i> .", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 88:4138-42 (1991)
AR4	Kitsis, R and Leinwand, L., "Discordance between gene regulation <i>in vitro</i> and <i>in vivo</i> .", <i>Gene Expr.</i> , 2:313-8 (1992)

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15720	ATS	Milano, C. <i>et al.</i> , "Enhanced Myocardial Function in Transgenic Mice Overexpressing the β_2 -Adrenergic Receptor.", <i>Science</i> , 264:582-6 (1994)					
15720	AUS	Molenaar, P. <i>et al.</i> , "Function, Characterization and Autoradiographic Localization and Quantification of β -Adrenoceptors in Cardiac Tissues.", <i>Clin. Exp. Pharmacol. Physiol.</i> , 16:529-533 (1989)					
15720	AV5	Moxham, C. <i>et al.</i> , "Mammalian β_1 - and β_2 - Adrenergic Receptors: Immunological and Structural Comparisons.", <i>J. Biol. Chem.</i> , 261: 14562-14570 (1986)					
15720	AW5	Pennock, G. <i>et al.</i> , "Identification of Simple Substituted Phenols with Thyromimetic Activity: Cardiac Effects on 3,5-Diiodo-4-Hydroxyphenylpropionic Acid ¹ .", <i>J. Pharmacol. Exp. Ther.</i> , 268:216-23 (1994)					
15720	AX5	Rossi, M., "Chronic Hemodynamic Unloading Regulates the Morphologic Development of Newborn Mouse Hearts Transplanted into the Ear of Isogeneic Adult Mice.", <i>Am. J. Pathol.</i> , 14:183-91 (1992)					
15720	AY5	Saito, K. <i>et al.</i> , "Characterization of β_1 - and β_2 -adrenoceptor subtypes in the rat sinoatrial node and stellate ganglia by quantitative autoradiography.", <i>Neurosci. Lett.</i> , 96:35-41 (1989)					
15720	AZ5	Savarese, T., and Fraser, C., "In vitro mutagenesis and the search for structure-function relationships among G protein-coupled receptors.", <i>Biochem. J.</i> , 283:1-19 (1992)					
15720	AR6	Selye, H. <i>et al.</i> , "Simple Techniques for the Surgical Occlusion of Coronary Vessels in the Rat.", <i>Angiology</i> , 11:398-401 (1960)					
15720	AS6	Sen, A. <i>et al.</i> , "Inhibition of the Release of Arachidonic Acid Prevents the Development of Sarcolemmal Membrane Defects in Cultured Rat Myocardial Cells during Adenosine Triphosphate Depletion.", <i>J. Clin. Invest.</i> , 82:1333-8 (1988)					

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BK12	AT6	Wolff, J. et al., "Direct Gene Transfer into Mouse Muscle In Vivo.", Science, 247:1465-8 (1990)					
BK12	AUG6	Xiao, R. et al., "Age-associated Reduction in Cardiac β ₁ - and β ₂ - adrenergic Responses Without Changes in Inhibitory G Proteins or Receptor Kinases.", J. Clin. Invest., 101: 1273-1282 (1998)					
BK12	AV6	Ye, X. et al., "Regulated Delivery of Therapeutic Proteins After in Vivo Somatic Cell Gene Transfer.", Science, 283:88-91 (1999)					
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